

Title (en)

ELECTRICALLY PHOTSENSITIVE IMAGING MATERIALS

Publication

EP 0123555 A3 19860115 (EN)

Application

EP 84302766 A 19840425

Priority

US 48829783 A 19830425

Abstract (en)

[origin: US4473626A] Electrically photosensitive materials comprising electrically photosensitive colorant particles dispersed in a liquefiable, electrically insulating carrier containing a binder polymer and electropolymerizable bisphenol-acrylate monomers or mixtures of such monomers are disclosed. The disclosed materials are employed in photoelectrophoretic processes wherein the colorant particles are caused to migrate by the action of light and an electric field, while the material is electrohardened by the electric field.

IPC 1-7

G03G 5/00; G03G 17/04

IPC 8 full level

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CPC (source: EP US)

G03G 17/04 (2013.01 - EP US)

Citation (search report)

- US 4219614 A 19800826 - STAHLY FREDERICK A [US]
- GB 1205438 A 19700916 - XEROX CORP [US]
- DE 2259645 A1 19730614 - DART IND INC
- RESEARCH DISCLOSURE, vol. 190, no. 19014, February 1980, Industrial Opportunities Ltd.,Homewell, Havant, Hampshire (GB) "Composite electrically photosensitive particles" pages 79-84 *Page 79, right column, lines 48-50, 56; page 80, left column, line 74 - right column, lines 15, 40, 41, 65-67;page 83, right column, lines 26-29 *

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DOCDB simple family (publication)

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